
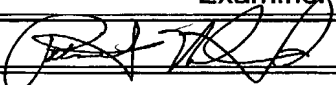
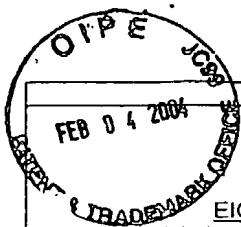


ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of Invention	RF Active Compositions for Use in Adhesion, Bonding and Coating						
Application Number: 09/667720							
Confirmation Number: 9377							
First Named Applicant: William J. Ryan							
Attorney Docket Number: 2113.0040004							
Art Unit: 1714							
Examiner: Patrick Dennis Niland							
Search string: (6617557 or 6649888 or 6348679 or 6600142).pn.							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
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PN	1.	6617557	2003-09-09	Ryan et al.			
1	2	6649888	2003-11-18	Ryan et al.			
1	3	6348679	2002-02-19	Ryan et al.			
PN	4	6600142	2003-07-29	Ryan et al.			
Signature							
Examiner Name					Date		
					4/4/04		



FORM PTO-1449

EIGHTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
2113.0040004/RWE/ALS
FIRST NAMED INVENTOR
Ryan *et al.*APPLICATION NO.
09/667,720FILING DATE
September 22, 2000ART UNIT
1714

U.S. PATENT DOCUMENTS

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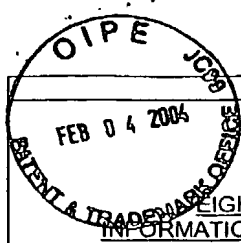
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS	8	Bansal, P., "Development of an ISM Harmonic RF Attenuation Model for Combating Interference Generated by 13 MHz and 27 MHz Industrial RF Processing Machines," Progress Report on Task A, ERA Report 97-1015, ERA Project 33-01-0510, 29 pages (November 1997)
	AT	8	NASA, <i>Advanced Automation for Space Missions: Chapter 5, Appendix C</i> (visited February 4, 2003) < http://www.islandone.org/MMSG/aasm/AASM5C.html >

EXAMINER

DATE CONSIDERED

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PN	AR	9	U.S. Application No. 10/607,535, filed June 27, 2003 (NOT PUBLISHED)
PN	AS	9	International Search Report for International Application No. PCT/US 00/26214, mailed on January 25, 2001, European Patent Office, Netherlands
	AT		

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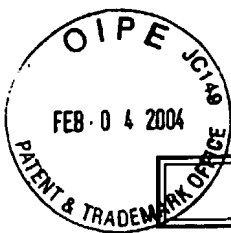
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19	4523528	1985-06-18	Hastings et al.
20	4576715	1986-03-18	Michaels et al.
21	4588099	1986-05-13	Diez
22	4600346	1986-07-15	Podosek
23	4669610	1987-06-02	Lindsey et al.
24	4670634	1987-06-02	Bridges et al.
25	4705706	1987-11-10	Avery
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40	4958450	1990-09-25	Roberg
41	5024594	1991-06-18	Athayde et al.
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46	5217788	1993-06-08	Rye
47	5223684	1993-06-29	Li et al.
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Signature


Examiner Name	Date
	4/4/04



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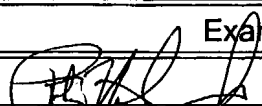
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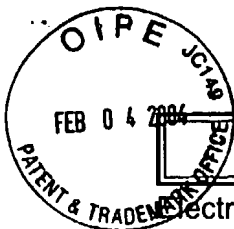
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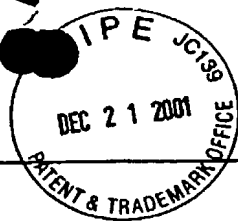
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<p>Application Number: 09/667720</p> <p>Confirmation Number: 9377</p> <p>First Named Applicant: William J. Ryan</p> <p>Attorney Docket Number: 2113.0040004</p> <p>Art Unit: 1714</p> <p>Examiner: Patrick Dennis Niland</p> <p>Search string: (6082025 or 6083587 or 6138861 or 6157258 or 6231985 or 6238787 or 6244441 or 6255635 or 6302988 or 6316756 or 6323468 or 6323659 or 6339888 or 6344254 or 6345865 or 6352077 or 6352779 or 6361843 or 6365650 or 5858553 or 5837088 or 5712469 or 5609941 or 5378879 or 4858342 or 4710539 or 4635797 or 4609690 or 4560579 or 4444806 or 3701875 or 3657038 or 3574031).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>6082025</td><td>2000-07-04</td><td>Bonk et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>6083587</td><td>2000-07-04</td><td>Smith et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>6138861</td><td>2000-10-31</td><td>Palazzo</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>4</td><td>6157258</td><td>2000-12-05</td><td>Adishian et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>5</td><td>6231985</td><td>2001-05-15</td><td>Chen et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>6</td><td>6238787</td><td>2001-05-29</td><td>Giles et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>7</td><td>6244441</td><td>2001-06-12</td><td>Ahlgren</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>8</td><td>6255635</td><td>2001-07-03</td><td>Thompson et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>9</td><td>6302988</td><td>2001-10-16</td><td>Miller, Sr.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>10</td><td>6316756</td><td>2001-11-13</td><td>Thompson et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>11</td><td>6323468</td><td>2001-11-27</td><td>Dabelstein et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>12</td><td>6323659</td><td>2001-11-27</td><td>Krahn</td><td></td><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	6082025	2000-07-04	Bonk et al.				<input checked="" type="checkbox"/>	2	6083587	2000-07-04	Smith et al.				<input checked="" type="checkbox"/>	3	6138861	2000-10-31	Palazzo				<input checked="" type="checkbox"/>	4	6157258	2000-12-05	Adishian et al.				<input checked="" type="checkbox"/>	5	6231985	2001-05-15	Chen et al.				<input checked="" type="checkbox"/>	6	6238787	2001-05-29	Giles et al.				<input checked="" type="checkbox"/>	7	6244441	2001-06-12	Ahlgren				<input checked="" type="checkbox"/>	8	6255635	2001-07-03	Thompson et al.				<input checked="" type="checkbox"/>	9	6302988	2001-10-16	Miller, Sr.				<input checked="" type="checkbox"/>	10	6316756	2001-11-13	Thompson et al.				<input checked="" type="checkbox"/>	11	6323468	2001-11-27	Dabelstein et al.				<input checked="" type="checkbox"/>	12	6323659	2001-11-27	Krahn			
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<input checked="" type="checkbox"/>	32	3657038	1972-04-18	Lightfoot
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Signature

Examiner Name	Date
	4/4/04



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1711.0040004/RWE/ALSAPPLICATION NO.
09/667,720APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
3721

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA15						
	AB15						
	AC15						
	AD15						
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<i>AM</i>	AF15	5,129,977	7/14/92	Leatherman	156	272.4	7/31/1990
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	AK15						

FOREIGN PATENT DOCUMENTS

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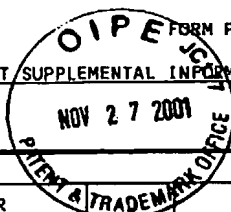
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DATE CONSIDERED

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				ATTY. DOCKET NO. 1711.0040004/RWE/ALS		APPLICATION NO. 09/667,720			
				APPLICANT Ryan et al.					
				FILING DATE September 22, 2000				GROUP 3721	
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	AB								
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	AI14	913,058	02/23/1909	Saunders A.T.			04/22/1903		
	AJ14	1,061,111	05/06/1913	Olsson, Z.			12/10/1912		
	AK14	2,181,129	11/28/1939	Heberer, A.J.	134	23.1	01/21/1936		
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	AT								
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FORM PTO-1449

ATTY. DOCKET NO.
1711.0040004/RWE/ALSAPPLICATION NO.
09/667,720

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

APPLICANT
Ryan *et al.*FILING DATE
September 22, 2000GROUP
3721

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA15	3,323,929	06/06/1967	Salzberg <i>et al.</i>	106	148	04/08/1965
AB15	3,436,239	04/01/1969	Feld, R.	106	300	06/30/1965
AC15	4,253,898	03/03/1981	Rinker <i>et al.</i>	156	272	12/17/1979
AD15	4,331,547	05/25/1982	Stotts <i>et al.</i>	252	62	11/21/1980
AE15	5,015,677	05/14/1991	Benedict <i>et al.</i>	524	17	06/27/1988
AF						
AG						
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FOREIGN PATENT DOCUMENTS

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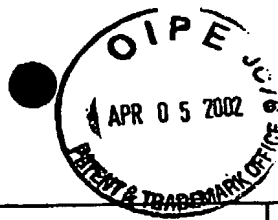
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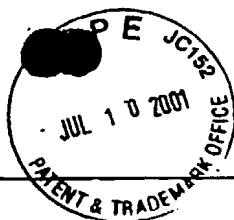
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FORM PTO-1449		ATTY. DOCKET NO. 1711.0040004/RWE/ALS		APPLICATION NO. 09/667,720	
INFORMATION DISCLOSURE STATEMENT		APPLICANT Ryan et al.		FILING DATE September 22, 2000	
		GROUP 3721			
U.S. PATENT DOCUMENTS					
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	AA15				
	AB15				
	AC15				
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	AE15				
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	AG15	2,433,067	12/23/1947	Russell, G.F.	219
	AH15	2,457,498	12/28/1948	Russell, G.F. et al.	154
	AI15	2,821,611	01/28/1958	Mann, J.W. et al.	219
	AJ15	3,532,848	10/06/1970	Loring, Jr., C.M. et al.	219
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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1711.0040004/RWEAPPLICATION NO.
09/667,722APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
372

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
PN	AA1	2,465,319	03/22/1949	Whinfield et al.	260	75	09/24/1945
	AB1	2,769,804	11/06/1956	Hanson	260	86.7	09/10/1951
	AC1	2,901,466	08/25/1959	Kibler et al.	260	75	12/22/1955
	AD1	2,971,939	02/14/1961	Baer	260	45.5	01/30/1959
	AE1	2,989,517	06/20/1961	Hanson et al.	260	93.5	05/06/1954
	AF1	3,018,272	01/23/1962	Griffing et al.	260	75	11/19/1956
	AG1	3,033,822	05/08/1962	Kibler et al.	260	47	06/29/1959
	AH1	3,033,826	05/08/1962	Kibler et al.	260	76	06/29/1959
	AI1	3,033,827	05/08/1962	Kibler et al.	260	77	06/29/1959
	AJ1	3,075,952	01/29/1963	Coover et al.	260	75	01/21/1959
PN	AK1	3,502,602	03/24/1970	Helm et al.	260	22	12/11/1967

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
PN	AL1	GB 988,414	04/07/1965	Great Britain			Yes No
	AM1	FR 1407582	06/21/1965	France			Yes, Yes see AS2 No
	AN1	DE 1745464	09/09/1971	Germany			Abstract, Yes see AT1 No
	AO1	FR 2248311	06/20/1975	France			Abstract, Yes see AR2 No
PN	AP1	WO 86/07034	12/04/1986	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

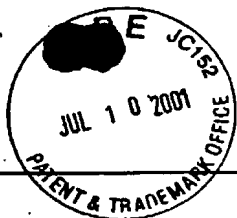
PN	AR	1	Derwent World Patent Index, English language abstract of Japanese Patent No. 60-209078, "Bonding adhesive lining cloth to woven fabric by applying hot-melt adhesive to fabric, impregnating with aq. soln. of ethylene glycol, sodium nitrite and surfactant, drying and bonding", Derwent XP-002109917, October 21, 1985.
	AS	1	Derwent World Patent Index, English language abstract of Japanese Patent No. 56-055474, "Adhesive compsn. curable by HF induction heating - prepd. by blending thermosetting resin with hardener and ferro-magnetic substance having high dielectric hysteresis loss in HF field", Derwent XP-002109916, May 16, 1981.
PN	AT	1	Derwent World Patent Index, English language abstract of DE 1745464 (Document AN1), "Soluble unsaturated polyesteramide resin", WPI Acc No.: 68-07243Q/196800, September 9, 1971.

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1711.0040004/RWEAPPLICATION NO.
09/667,726APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
3741

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
PN	AA2	3,546,008	12/08/1970	Shields et al.	117	138.8	05/27/1968
	AB2	3,563,942	02/16/1971	Heiberger	260	29.2	11/29/1967
	AC2	3,607,554	09/21/1971	Heffernan	156	380	03/12/1969
	AD2	3,635,811	01/18/1972	Lane	204	192	11/06/1967
	AE2	3,701,760	10/31/1972	Hagemeyer Jr. et al.	260	82	08/27/1970
	AF2	3,725,189	04/03/1973	Gidge	161	146	09/11/1970
	AG2	3,734,874	05/22/1973	Kibler et al.	260	29.2 E	02/27/1970
	AH2	3,779,993	12/18/1973	Kibler et al.	260	75 S	02/15/1973
	AI2	3,850,858	11/26/1974	Park	260	27 BB	09/28/1973
	AJ2	3,879,450	04/22/1975	Velker et al.	260	513 R	05/18/1973
PN	AK2	3,919,176	11/11/1975	Meyer, Jr. et al.	260	78.4 D	10/01/1973

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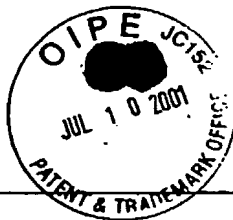
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PN	AR	2	Derwent WPI, English language abstract of FR 2248311 (Document A01), "Thermosetting sealant contg. non conductive particles - having accelerated cure by application of high frequency field", WPI Acc No.: 75-27432W/197517, June 20, 1975.
	AS	2	English language translation of Document AM1, French Patent No. FR 1407582, "Procedure for high-frequency welding of difficult-to-weld synthetic foams", June 21, 1965.
	AT	2	International Search Report for International Application No. PCT/US99/05688, mailed August 2, 1999.

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1711.0040004/RWEAPPLICATION NO.
09/667,720APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
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U.S. PATENT DOCUMENTS

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PN	AA3	3,936,412	02/03/1976	Rocholl	260	37 R	09/23/1974
	AB3	3,943,024	03/09/1976	Sendor et al.	156	380	06/17/1974
	AC3	4,020,049	04/26/1977	Rinehart	260	75 M	04/02/1971
	AD3	4,035,547	07/12/1977	Heller, Jr. et al.	428	329	12/04/1975
	AE3	4,052,368	10/04/1977	Larson	260	75 S	06/21/1976
	AF3	4,073,777	02/14/1978	O'Neill et al.	260	75 S	01/17/1975
	AG3	4,083,901	04/11/1978	Schonfeld et al.	264	25	08/29/1975
	AH3	4,104,262	08/01/1978	Schade	528	295	04/08/1976
	AI3	4,110,284	08/29/1978	Violland et al.	260	29.5 TN	10/11/1974
	AJ3	4,127,619	11/28/1978	Godfrey	260	889	08/05/1977
	AK3	4,133,731	01/09/1979	Hansen et al.	204	159.17	03/03/1978

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AN						Yes No
	AO						Yes No
	AP						Yes No

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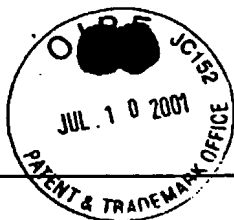
PN ↓ PN	AR	3	International Search Report for International Application No. PCT/US00/26214, mailed January 25, 2001.
	AS	3	Natural Organic Products, Gelatin's Production (visited June 12, 2000) < http://www.tessenderlo.com/c/p030000.htm >.
	AT	3	Natural Organic Products, Solugel® (visited June 12, 2000) < http://www.tessenderlo.com/c/p030201.htm >.

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 1711.0040004/RWE		APPLICATION NO. 09/667,720	
				APPLICANT Ryan et al.		FILING DATE September 22, 2000	
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	AB4	4,233,196	11/11/1980	Sublett	260	29.2N	04/30/1979
	AC4	4,257,928	03/24/1981	Vachon et al.	260	33.4R	01/28/1980
	AD4	4,296,294	10/20/1981	Beckert et al.	219	10.41	11/13/1978
	AE4	4,304,901	12/08/1981	O'Neill et al.	528	290	04/28/1980
	AF4	4,311,655	01/19/1982	Siadat	264	22	03/31/1980
	AG4	4,335,220	06/15/1982	Coney	523	414	04/06/1981
	AH4	4,360,607	11/23/1982	Thorsrud et al.	523	137	09/04/1979
	AI4	4,396,739	08/02/1983	Sirota et al.	524	394	01/04/1982
	AJ4	4,408,532	10/11/1983	Incremona	101	456	02/03/1982
AK4	4,423,191	12/27/1983	Haven et al.	525	169	05/01/1981	
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
JN	AR	4	Eastman, EASTMAN AQ 38S Polymer (visited May 8, 2000) < http://www.eastman.com/Product Information/ProductHome.asp?EastmanDotCom=True&product=11 >.				
	AS	4	Eastman, EASTMAN AQ 48 Ultra Polymer (visited May 8, 2000) < http://www.eastman.com/Product Information/ProductHome.asp?EastmanDotCom=True&product=74 >.				
	AT	4	Eastman, EASTMAN AQ 55S Polymer (visited May 4, 2000) < http://www.eastman.com/Product Information/ProductHome.asp?EastmanDotCom=True&product=12 >.				
EXAMINER JN					DATE CONSIDERED 7/13/03		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



Page 2 of 14

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1711.0040004/RWEAPPLICATION NO.
09/667,726APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
372T

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
PN	AA5	4,460,728	07/17/1984	Schmidt, Jr. et al.	524	271	02/28/1983
	AB5	4,471,086	09/11/1984	Foster	524	489	11/09/1983
	AC5	4,489,193	12/18/1984	Goswami	525	190	01/30/1981
	AD5	4,499,262	02/12/1985	Fagerburg et al.	528	279	03/09/1984
	AE5	4,510,324	04/09/1985	Rossi et al.	564	82	04/28/1983
	AF5	4,525,524	06/25/1985	Tung et al.	524	601	04/16/1984
	AG5	4,595,611	06/17/1986	Quick et al.	428	35	06/26/1985
	AH5	4,598,142	07/01/1986	Hilbert et al.	528	295	04/29/1985
	AI5	4,600,614	07/15/1986	Lancaster et al.	428	35	09/12/1983
	AJ5	4,601,948	07/22/1986	Lancaster et al.	428	349	08/31/1984
PN	AK5	4,640,865	02/03/1987	Lancaster et al.	428	421	05/28/1985

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AN						Yes No
	AO						Yes No
	AP						Yes No

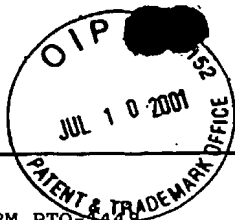
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PN	AR	5	Eastman, EASTMAN AQ 1045 Copolyester (visited May 8, 2000) < http://www.eastman.com/Product_Information/ProductHome.asp?EastmanDotCom=True&product=317 >.
↓	AS	5	Eastman, EASTMAN AQ 1350 Copolyester (visited May 8, 2000) < http://www.eastman.com/Product_Information/ProductHome.asp?EastmanDotCom=True&product=318 >.
PN	AT	5	Eastman, EASTMAN AQ Copolyester 1950 (visited May 8, 2000) < http://www.eastman.com/Product_Information/ProductHome.asp?EastmanDotCom=True&product=1219 >.

EXAMINER

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1447

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1711.0040004/RWEAPPLICATION NO.
09/667,726APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
5721

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
PM ↓ PM	AA6	4,659,595	04/21/1987	Walker et al.	427	391	10/07/1985
	AB6	4,660,354	04/28/1987	Lancaster et al.	53	469	05/28/1985
	AC6	4,661,299	04/28/1987	Thorsrud	264	25	03/04/1985
	AD6	4,718,898	01/12/1988	Puletti et al.	604	366	06/26/1986
	AE6	4,728,572	03/01/1988	Davis	428	355	04/10/1987
	AF6	4,735,843	04/05/1988	Noda	428	137	12/18/1986
	AG6	4,753,846	06/28/1988	Mudge	428	343	02/02/1987
	AH6	4,761,198	08/02/1988	Salerno	156	334	07/13/1987
	AI6	4,762,731	08/09/1988	Lancaster et al.	427	40	12/17/1986
	AJ6	4,766,035	08/23/1988	Lancaster et al.	428	345	12/17/1986
	AK6	4,767,799	08/30/1988	Thorsrud	523	137	01/30/1987

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PM	AR	6	Eastman, EASTMAN AQ 14000 Copolyester (visited May 8, 2000) < http://www.eastman.com/Product Information/ProductHome.asp?EastmanDotCom=True&product=1220 >.
PM	AS	6	Eastman, EASTEK 1300 Polymer Dispersion (visited May 8, 2000) < http://www.eastman.com/Product Information/ProductHome.asp?EastmanDotCom=True&product=622 >.
PM	AT	6	Eastman, EASTEK 1300 Polymer Pellets (visited May 8, 2000) < http://www.eastman.com/Product Information/ProductHome.asp?EastmanDotCom=True&product=1256 >.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-152

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1711.0040004/RWEAPPLICATION NO.
09/667,420APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
3721

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
PM	AA7	4,787,194	11/29/1988	Lancaster et al.	53	469	04/27/1987
	AB7	4,790,965	12/13/1988	Thorsrud	264	25	01/30/1987
	AC7	4,840,758	06/20/1989	Thorsrud	264	26	09/09/1988
	AD7	4,847,155	07/11/1989	Lancaster et al.	428	421	09/30/1987
	AE7	4,853,420	08/01/1989	Pham et al.	521	50.5	05/04/1987
	AF7	4,857,129	08/15/1989	Jensen et al.	156	273.7	07/31/1987
	AG7	4,886,853	12/12/1989	Foster et al.	524	477	02/23/1989
	AH7	4,895,457	01/23/1990	Lancaster et al.	383	94	08/31/1988
	AI7	4,910,292	03/20/1990	Blount	528	272	10/14/1988
	AJ7	4,941,936	07/17/1990	Wilkinson et al.	156	274.8	04/28/1988
PM	AK7	4,973,656	11/27/1990	Blount	528	272	02/01/1990

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

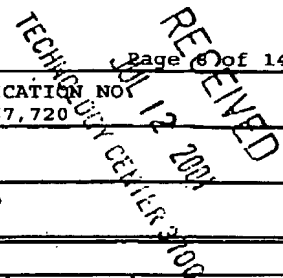
PM	AR	2	Lide, D.R., ed., "Permittivity (Dielectric Constant) of Pure Liquids," in CRC Handbook of Chemistry and Physics, CRC Press, Inc., Ann Arbor, MI, pp. 9-27, 9-28, 9-30 (1991).
↓	AS	2	Miller, R. A. and Althen, G., "Water-Dispersible Hot Melt Adhesive Formulations," Adhesives Age 40:63-66, Chemical Week Associates (November, 1997).
PM	AT	2	Co-Pending U.S. Patent Application No. 09/482,553, Ryan et al., filed January 13, 2000.

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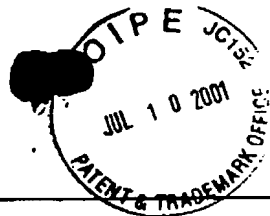
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449		ATTY. DOCKET NO. 1711.0040004/RWE		APPLICATION NO. 09/667,720		
INFORMATION DISCLOSURE STATEMENT		APPLICANT Ryan et al.		FILING DATE September 22, 2000		
		GROUP 3721				
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUB-CLASS	FILING DATE
PA	AAB	4,990,593	02/05/1991	Blount	528 272	07/13/1990
	ABB	5,002,051	03/26/1991	Dew et al.	128 395	07/14/1989
	ACB	5,079,047	01/07/1992	Bogaert et al.	428 41	05/12/1989
	ADB	5,098,962	03/24/1992	Bozich	525 437	01/22/1991
	AEB	5,132,108	07/21/1992	Narayanan et al.	424 78.17	11/08/1990
	AFB	5,156,613	10/20/1992	Sawyer	606 213	02/13/1991
	AGB	5,182,134	01/26/1993	Sato	427 543	01/28/1992
	AHB	5,209,776	05/11/1993	Bass et al.	106 124	07/27/1990
	AIB	5,217,798	06/08/1993	Brady et al.	428 246	05/07/1991
	AJB	5,218,042	06/08/1993	Kuo et al.	524 601	09/25/1991
	AKB	5,219,895	06/15/1993	Kelman et al.	522 68	01/29/1991
	FOREIGN PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS SUB-CLASS	TRANSLATION
	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
PA	AR	8	Preliminary Amendment and Statement Under 37 C.F.R. § 163(d)(2) Deleting Inventors as filed in co-pending Divisional U.S. Patent Application No. 09/867,983, Ryan et al., filed May 31, 2001.			
	AS					
	AT					
EXAMINER				DATE CONSIDERED		
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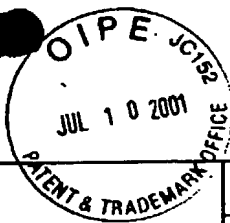
FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1711.0040004/RWE	APPLICATION NO. 09/667,720
	APPLICANT Ryan et al.	
	FILING DATE September 22, 2000	GROUP 3721

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
PN	AA9	5,220,141	06/15/1993	Quick et al.	219	10.55 E	03/26/1991
	AB9	5,240,780	08/31/1993	Tiers et al.	428	483	10/02/1991
	AC9	5,281,630	01/25/1994	Salsman	521	48.5	12/18/1991
	AD9	5,286,504	02/15/1994	Sheen et al.	426	243	02/01/1993
	AE9	5,292,362	03/08/1994	Bass et al.	106	124	07/09/1991
	AF9	5,318,650	06/07/1994	Kerawalla	156	245	09/25/1992
	AG9	5,328,539	07/12/1994	Sato	156	275.5	12/31/1992
	AH9	5,329,004	07/12/1994	Eden et al.	536	109	01/23/1992
	AI9	5,336,518	08/09/1994	Narayanan et al.	623	1	12/11/1992
	AJ9	5,354,336	10/11/1994	Kelman et al.	623	6	03/15/1993
PN	AK9	5,356,963	10/18/1994	Kauffman et al.	524	43	07/16/1993

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
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	AT		

EXAMINER	DATE CONSIDERED 7/13/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1711.0040004/RWEAPPLICATION NO.
09/667,320APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
3721

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
JN	AA10	5,360,845	11/01/1994	Billmers et al.	524	51	08/13/1993
	AB10	5,369,211	11/29/1994	George et al.	528	293	01/18/1994
	AC10	5,371,133	12/06/1994	Stanley	524	457	03/04/1994
	AD10	5,373,682	12/20/1994	Hatfield et al.	53	440	12/23/1992
	AE10	5,382,652	01/17/1995	Fukuda et al.	528	308.6	03/30/1992
	AF10	5,387,623	02/07/1995	Ryan et al.	523	124	06/06/1992
	AG10	5,391,406	02/21/1995	Ramharack et al.	427	516	03/25/1994
	AH10	5,403,312	04/04/1995	Yates et al.	606	50	07/22/1993
	AI10	5,403,998	04/04/1995	Sheen et al.	219	730	03/10/1993
	AJ10	5,416,127	05/16/1995	Chandran et al.	522	149	01/26/1994
JN	AK10	5,453,144	09/26/1995	Kauffman et al.	156	213	03/04/1994

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

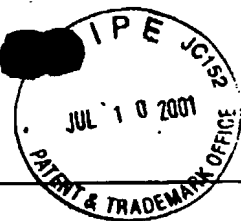
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7/13/03

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1711.0040004/RWEAPPLICATION NO.
09/667520APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
3721

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
JM	AA11	5,475,038	12/12/1995	Skoultchi	522	96	05/10/1994
	AB11	5,506,298	04/09/1996	Paul et al.	525	66	04/12/1994
	AC11	Des. 368,918	04/16/1996	DeBiasse	D15	145	05/24/1995
	AD11	5,519,072	05/21/1996	Wieczorek, Jr. et al.	524	48	02/15/1995
	AE11	5,523,344	06/04/1996	Maksymkiw et al.	524	507	06/07/1995
	AF11	5,527,655	06/18/1996	Bonham et al.	430	175	09/28/1994
	AG11	5,530,056	06/25/1996	Farwaha et al.	524	558	05/03/1995
	AH11	5,532,300	07/02/1996	Koubek et al.	524	47	08/12/1994
	AI11	5,532,306	07/02/1996	Kauffman et al.	524	274	08/31/1994
	AJ11	5,536,759	07/16/1996	Ramharack et al.	522	35	10/13/1994
JM	AK11	5,543,488	08/06/1996	Miller et al.	528	277	07/29/1994

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
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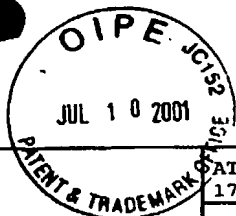
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EXAMINER

DATE CONSIDERED

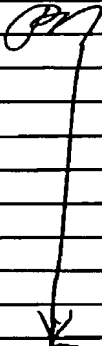
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1711.0040004/RWEAPPLICATION NO.
09/667,720APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
3721

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA12	5,545,472	08/13/1996	Koubek et al.	428	261	02/22/1995
	AB12	5,552,495	09/03/1996	Miller et al.	525	437	10/31/1995
	AC12	5,574,076	11/12/1996	Sharak et al.	523	128	05/03/1995
	AD12	5,591,850	01/07/1997	Birbaum et al.	544	216	11/17/1994
	AE12	5,608,000	03/04/1997	Duan et al.	524	581	09/09/1994
	AF12	5,616,625	04/01/1997	Hung et al.	521	78	02/17/1995
	AG12	5,618,876	04/08/1997	Farwaha et al.	524	548	06/05/1995
	AH12	5,645,886	07/08/1997	Schueler, II et al.	427	140	09/01/1995
	AI12	5,645,904	07/08/1997	Woo et al.	428	357	12/11/1991
	AJ12	5,661,201	08/26/1997	Degrad	524	233	04/14/1995
	AK12	5,669,934	09/23/1997	Sawyer	606	213	06/05/1995

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AN						Yes No
	AO						Yes No
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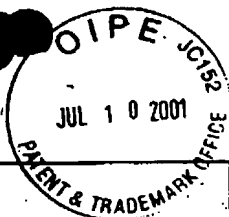
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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1711.0040004/RWEAPPLICATION NO.
09/667,720APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
3721

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
PN ↓ V Py	AA13	5,670,566	09/23/1997	Liedermooy et al.	524	271	01/06/1995
	AB13	5,688,845	11/18/1997	Eden et al.	524	48	05/06/1996
	AC13	5,716,441	02/10/1998	Nguyen et al.	106	207.1	09/27/1996
	AD13	5,717,015	02/10/1998	Dust et al.	524	236	02/11/1997
	AE13	5,719,244	02/17/1998	Farwaha et al.	526	258.2	11/13/1996
	AF13	5,749,895	05/12/1998	Sawyer et al.	606	214	09/20/1994
	AG13	5,750,605	05/12/1998	Blumenthal et al.	524	236	05/23/1996
	AH13	5,760,111	06/02/1988	Birbaum et al.	524	100	09/27/1996
	AI13	5,770,706	06/23/1998	Wu et al.	523	429	05/22/1996
	AJ13	5,795,397	08/18/1998	Shi et al.	127	29	05/08/1996
	AK13	5,821,294	10/13/1998	Perlinski	524	507	08/30/1996

FOREIGN PATENT DOCUMENTS

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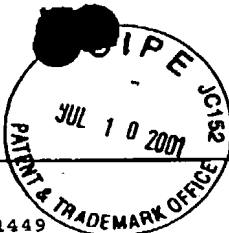
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DATE CONSIDERED

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INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1711.0040004/RWEAPPLICATION NO.
09/667,720APPLICANT
Ryan et al.FILING DATE
September 22, 2000GROUP
3721

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
PA	AA14	5,824,015	10/20/1998	Sawyer	606	214	06/05/1995
	AB14	5,840,146	11/24/1998	Woo et al.	156	272.4	06/06/1995
	AC14	5,859,152	01/12/1999	Miller et al.	525	444	09/12/1997
	AD14	5,856,060	01/05/1999	Kawamura et al.	430	201	03/04/1997
	AE14	6,048,599	04/11/2000	Chu et al.	428	214	01/17/1997
	AF14	6,072,362	06/06/2000	Lincoln	330	156	07/30/1998
	AG14	6,121,356	09/19/2000	Lundberg et al.	524	297	09/09/1994
	AH14	6,157,258	12/05/2000	Adishian et al.	330	298	03/12/1999
	AI						
	AJ						
AK							

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.